



itemset lock

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S Parthasarathy, M Zaki, W Li - ... of the 4th International Conference on ..., 1998 - aaai.org
... Each **itemset** has a single counter protected by a **lock** to guarantee mutual exclusion when multiple processors try to increment it at the same time. ... For example, we can align each **itemset lock** to a separate cache lines and pad out the rest of the line. ...

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Optimization of frequent **itemset** mining on multiple-core processor

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L Liu, E Li, Y Zhang... - ... of the 33rd international conference on ..., 2007 - portal.acm.org
... 2. RELATED WORKS Frequent **itemset** mining plays an important role in a number of data mining tasks ... Though it partially removes **lock** contentions, it is not essentially a **lock**-free approach and does not exhibit ... If multiple transactions share an identical frequent **item set**, they can ...

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Tree Projection-Based Frequent **Itemset** Mining on Multicore CPUs and GPUs

G Teodoro, N Mariano, W Meira Jr... - 2010 22nd International ..., 2010 - computer.org
... exists in this matrix for each item $i \in$ active extensions(P), and each entry that ex- ists in this matrix indicates the counting of **itemset** ... Next we discuss three different software- based **lock** schemes and a new **lock**-free imple- mentation using hardware based atomic instruc- tions. ...

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[\[PDF\] from ijcsns.org](#)

L He... - IJCSNS, 2006 - paper.ijcsns.org
... The transaction set, **itemset**, the values of confidence degree and support degree are the inputs. ...
UnlockTable(8), ..., DB.Close(1) JZRJ2 DB.Open(1), **Lock**.Table(8), RJ.rj1hzlsz(1),
Lock.UnlockTable(8 ... We construct transaction set and **item set** according to the description of 2.2. ...

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Frequent **itemset** mining on graphics processors

[\[PDF\] from cwi.nl](#)

W Fang, M Lu, X Xiao, B He... - Proceedings of the Fifth ..., 2009 - portal.acm.org
... cache-conscious FP-array from compacting the FP-tree [16] and a **lock**-free, dataset ... transactions, which facilitates fast set inter- section to obtain transactions containing a particular **item - set**. ... candidate K-itemsets, and then perform support counting in Freq **Itemset** Generation to ...

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... BASKET ANALYSIS PADA TABEL DATA ABSENSI ELEKTRONIK UNTUK MENDETEKSI KECURANGAN ABSENSI (CHECK-LOCK) KARYAWAN DI PERUSAHAAN

GS Budhi... - Jurnal Informatika, 2008 - puslit2.petra.ac.id

... At the final process the employee's association rule will got from frequent **itemset**. This output will be served to user that is the HRD of a firm. Testing result shows that Data Mining Market Basket Analysis can be used to get pattern of employee's check-**lock** from a company. ...

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... BASKET ANALYSIS PADA TABEL DATA ABSENSI ELEKTRONIK UNTUK MENDETEKSI KECURANGAN ABSENSI (CHECK-LOCK) KARYAWAN DI PERUSAHAAN

F Soedjianto... - 2007 - getcited.org

... **itemset** ini didapat association rule pegawai untuk disajikan kepada pengguna, yaitu bagian HRD perusahaan. Dari hasil pengujian dapat diketahui bahwa metode Data Mining Market Basket Analysis dapat dimanfaatkan untuk menggali pattern kebiasaan absensi (check-**lock**) ...

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[PDF] Custom memory placement for parallel data mining

S Parthasarathy, MJ Zaki... - contract, 1997 - Citeseer

... reaches a leaf node. At this point it acquires a **lock** on this leaf node for mutual exclusion while inserting the **itemset**. With this locking mechanism, each process can insert the itemsets in different parts of the hash tree in parallel. ...

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[\[PDF\] from psu.edu](#)

A Data Mining Algorithm Based on Grid

X Zang, X Li, K Zhao... - Grid and Cooperative Computing, 2004 - Springer

... In this case, the count domain of each candidate **itemset** is sharing variable, and we should adopt **lock** mechanism to count domain. The database adopts partition method to have database divided P parts in average with P processor. ...

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GSBF Soedjianto - Jurnal Informatika, 2008

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